Gainward HD 4870 512MB TV Dual DVI

PRODUCT SPECIFICATIONS

- **Superior Hardware Design**
- **Gainward's** award winning High-Performance/ Wide-Bandwidth™ hardware design powered by ATI's Radeon® **HD 4870** GPU integrating **512MB/256bits high-speed DDR5** memory which offers enhanced, leading-edge performance for the 3D enthusiasts.
- **750MHz** core clock, **DDR5 900 (DDR 3600) MHz** memory clock.
- High performance two-slot cooling fan.
- Dual DVI (with Dual-link DVI, support up to 2560x1600) and Video out connector with S-Video/Composite/HDTV support.
- Provides world-class **HDTV-out** functionality up to 1080i resolution**.**
- Supports two monitors simultaneously, enabled by ATI's Multi-Display Technology for office applications, 3D gaming and professional applications, animation or video editing. It allows end-users to select any combination of display configurations, including a DVI, CRT, and TV.
- **ATI Catalyst™ Software Suite** provides a full software solution for supported OS and delivers improved performance, certified stability, unmatched visual quality, innovative and exciting features that enables users to quickly setup and configure the graphics product.

CHIPSET SPECIFICATIONS

- **AMD ATI Radeon HD 4870 (RV770XT):** ATI's powerful new TeraScale graphics engine features deliver high resolution and fast frame rates.
- **Unified Superscalar Shader Architecture:** with **800** stream processing units support for dynamic load balancing and resource allocation for vertex, geometry and pixel shaders.
- **Microsoft DirectX 10.1 support**
  - Shader Model 4.1
  - 32-bit floating point texture filtering
  - Indexed cube map arrays
  - Independent blend modes per render target
  - Pixel coverage sample masking
  - Read/write multi-sample surfaces with shaders
  - Gather4 texture fetching
- **Anti-Aliasing Features:**
  - Multi-sample anti-aliasing (2, 4 or 8 samples per pixel)
  - Up to 24x custom filter anti-aliasing (CFAA) for improved quality
  - Adaptive super-sampling and multi-sampling
  - Temporal anti-aliasing
  - Gamma correct
  - Super AA (ATI Crossfire configuration only
- **Texture Filtering Features:**
  - 2x/4x/8x/16x high quality adaptive anisotropic filtering modes (up to 128 taps per pixel)

BUNDLED ACCESSORIES

- Gainward ATI Quick Start Manual

- Driver CD and Application S/W

Driver for Windows XP/2000/XP 64

- Cables and Accessories

Supplementary power cable and HDTV cable

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- Easy Plug-and-Play **AUTORUN** installation from CD-ROM.
- **ATI's CrossFireX™ Technology:** ATI's CrossFireX™ technology enables two or more discrete graphics processors to work together to improve system performance. The must-have feature for performance PCI Express graphics, CrossFireX™ technology dramatically scales performance on today's hottest games.
- **PCI Express 2.0 Support:** Designed to run perfectly with the new PCI Express 2.0 bus architecture, offering a future-proofing bridge to tomorrow's most bandwidth-hungry games and 3D applications by maximizing the 16 GB/s PCI Express 2.0 bandwidth(twice that of first generation PCI Express).

- 128-bit floating point HDR texture filtering
- Bicubic filtering
- sRGB filtering (gamma/degamma)
- Percentage Closer Filtering (PCF)
- Depth & stencil texture (DST) format support
- Shared exponent HDR (RGBE 9:9:9:5) texture format support

- **Avivo™ HD Video and Display Platform**

- Dedicated unified video decoder 2 (UVD2) for H.264/AVC and VC-1 video formats
- ATI Avivo Video Post Processor
- Two independent display controllers
- HDMI output support
- Hardware MPEG-1, MPEG-2, and DivX video decode acceleration
- On-chip HDCP
- Seamless integration of pixel shaders with video in real time
- VGA mode support on all display outputs

- **ATI PowerPlay™ technology**

- Advanced power management technology for optimal performance and power savings
- Performance-on-Demand
- Central thermal management – on-chip sensor monitors GPU temperature and triggers thermal actions as required

Composite and CrossFire cable

DVI to HDMI and DVI to CRT converter

Note: Gainward's bundle items are subject to change. Please refer to your local Gainward dealer for more information, or the description in the regional product package

SYSTEM REQUIREMENTS

- Intel Core2Duo series, AMD Athlon 64 X2 series or above CPU
- A minimum of 2GB system memory
- A minimum 500W system power supply with two 6-pin power connectors available.
- DVD-ROM drive
- Requires a PCI Express compliant motherboard
- Requires an available PCI Express slot
- Windows Vista/XP/2000/XP 64

API SUPPORT

- DirectX 10.1/9.0c in hardware
- OpenGL 2.0 support

OS SUPPORT

- Windows Vista/XP/2000/XP 64

BAR CODE

- Large Box: 471846200-9399

GAINWARD
BEYOND YOUR SENSES
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